

**Table C-110. Federal obligations for research and development for selected agencies, by State:  
fiscal years 1981-91**

[Dollars in millions]

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State	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Total .....	31,929.6	35,361.6	37,627.8	41,148.5	47,214.8	50,310.2	54,067.4	55,471.0	59,485.0	62,105.2	59,865.4
Alabama .....	493.5	561.5	671.7	792.6	896.6	1,188.2	1,346.4	1,363.7	1,646.7	1,805.4	1,863.2
Alaska .....	51.8	40.0	40.4	47.7	51.5	49.4	48.8	50.5	71.3	90.7	102.7
Arizona .....	367.7	264.5	469.3	383.9	458.2	398.1	414.9	369.4	501.2	591.7	516.8
Arkansas .....	31.2	43.5	31.4	35.0	39.7	40.5	52.3	56.4	57.0	85.7	85.9
California .....	7,049.7	8,888.3	8,194.9	8,995.8	10,771.8	11,512.3	13,672.2	14,895.9	15,919.4	16,249.3	14,488.3
Colorado .....	632.8	556.6	436.2	531.6	629.2	1,636.4	1,516.3	1,408.4	1,618.1	1,888.3	2,694.2
Connecticut .....	485.0	439.6	743.3	675.9	742.8	577.3	672.2	619.5	596.7	509.8	672.7
Delaware .....	25.9	34.6	20.4	63.7	34.7	30.2	32.3	36.0	31.9	28.3	41.8
District of Columbia .....	921.0	954.6	1,196.1	1,796.0	2,077.7	2,324.0	2,209.2	2,925.3	1,914.9	1,593.1	1,943.7
Florida .....	1,373.7	1,776.4	1,276.0	1,138.1	1,205.2	1,448.0	2,297.3	2,133.4	2,269.8	2,343.4	2,181.1
Georgia .....	195.0	217.3	237.2	245.5	291.8	250.5	352.1	350.4	392.5	364.1	466.5
Hawaii .....	49.9	44.5	71.4	52.9	58.2	54.7	63.9	82.2	97.4	100.0	112.6
Idaho .....	119.5	127.0	223.4	195.2	259.7	266.6	232.7	250.1	195.9	326.1	279.1
Illinois .....	572.6	543.0	567.5	675.6	772.8	745.0	827.3	850.7	909.1	957.2	959.4
Indiana .....	170.1	186.2	213.6	236.0	227.7	295.1	339.4	312.1	392.5	363.6	378.7
Iowa .....	147.4	136.3	95.2	134.5	150.3	224.3	162.4	197.1	190.9	186.7	209.8
Kansas .....	471.0	637.7	97.4	101.9	138.1	112.7	94.2	126.7	128.8	116.4	83.6
Kentucky .....	101.0	97.2	93.1	56.5	69.2	59.1	61.9	68.5	73.0	96.5	122.4
Louisiana .....	331.8	236.8	186.6	129.7	118.8	92.4	107.4	101.3	179.6	121.2	163.6
Maine .....	24.4	23.9	29.3	38.1	36.7	35.6	178.6	39.8	67.7	39.7	57.1
Maryland .....	2,585.1	2,850.2	3,412.4	3,917.9	4,371.6	4,512.5	4,036.3	4,355.3	4,849.0	5,332.1	5,570.7
Massachusetts .....	2,407.1	2,775.2	2,559.3	2,882.6	3,276.7	3,240.3	3,910.8	2,702.0	2,882.5	2,982.8	3,146.4
Michigan .....	357.2	376.7	412.5	479.4	502.1	460.5	463.3	417.5	686.2	810.8	772.6
Minnesota .....	309.0	378.6	448.2	636.8	718.7	515.4	506.6	576.8	597.3	529.8	455.7
Mississippi .....	125.5	125.7	185.8	145.5	172.4	143.4	184.4	185.1	198.7	471.7	230.6
Missouri .....	820.4	911.3	576.8	659.5	694.2	677.8	614.7	637.6	1,241.9	1,064.3	587.9
Montana .....	45.4	42.7	35.0	26.6	26.0	26.4	30.1	35.5	36.2	30.9	45.8
Nebraska .....	31.7	32.0	42.3	33.0	34.6	41.1	48.9	52.1	51.2	76.4	76.1
Nevada .....	263.0	376.3	647.1	440.5	490.4	462.6	462.0	443.3	427.5	484.7	496.0
New Hampshire .....	54.8	50.8	76.8	116.4	130.3	136.0	83.6	60.8	98.0	145.1	196.3
New Jersey .....	775.4	887.9	1,293.4	1,550.0	1,791.8	1,781.4	1,114.9	1,209.3	1,320.4	1,601.6	1,698.2
New Mexico .....	1,224.1	1,322.6	1,804.9	2,104.8	2,368.6	2,500.0	1,998.2	2,296.1	2,220.4	2,311.3	2,018.7
New York .....	1,557.7	1,692.5	2,523.2	2,493.4	3,128.4	3,163.5	2,941.8	2,688.7	2,904.1	2,960.8	3,086.3
North Carolina .....	259.8	272.7	312.5	378.3	485.7	497.7	583.8	625.0	562.8	618.6	673.8
North Dakota .....	40.1	36.5	27.2	37.8	32.7	27.2	29.4	32.5	33.3	53.1	43.7
Ohio .....	1,117.2	1,024.8	1,170.1	1,366.5	1,520.5	1,591.7	1,862.9	1,865.2	1,938.8	2,088.5	1,729.9
Oklahoma .....	82.4	65.6	67.9	65.5	81.3	69.8	99.4	103.7	117.6	162.6	131.5
Oregon .....	105.6	106.3	108.0	137.8	151.6	127.6	133.9	170.3	168.4	175.6	216.5
Pennsylvania .....	1,082.9	1,131.5	1,173.3	1,142.2	1,329.6	1,301.3	1,681.9	1,731.6	1,961.9	2,074.6	2,125.6
Rhode Island .....	182.5	242.1	267.5	306.1	334.3	392.7	365.4	335.6	314.1	391.1	433.8
South Carolina .....	96.1	98.7	104.6	119.8	119.9	122.5	123.7	148.7	222.6	230.9	250.4
South Dakota .....	10.2	19.0	12.4	14.0	14.4	14.6	12.8	13.1	15.0	15.7	22.5
Tennessee .....	883.6	702.3	435.5	546.7	556.3	591.3	732.0	567.2	576.0	825.0	732.2
Texas .....	1,031.7	1,054.3	1,412.6	1,473.8	1,664.6	1,912.0	2,261.3	2,514.9	3,189.2	3,496.8	2,321.4
Utah .....	305.7	287.9	268.9	232.4	250.9	274.6	427.3	462.0	517.8	437.7	429.1
Vermont .....	18.7	35.7	23.7	33.8	36.1	41.1	39.6	55.9	60.1	42.5	56.1
Virginia .....	1,066.4	1,268.1	2,286.1	2,247.2	2,472.4	2,810.0	2,292.5	2,729.1	2,778.0	2,733.5	2,909.0
Washington .....	1,047.5	1,038.9	709.3	881.8	1,036.5	1,153.9	1,878.8	1,765.6	1,766.2	1,567.0	1,241.1
West Virginia .....	151.2	91.0	82.5	73.3	66.5	88.7	115.8	113.4	104.0	116.6	177.9
Wisconsin .....	132.2	129.4	142.4	166.0	200.8	181.9	204.8	223.2	263.5	271.7	294.5
Wyoming .....	58.2	25.4	28.4	34.0	25.1	14.5	23.5	29.0	38.5	57.4	29.8

See explanatory information, if any, and SOURCE at end of table.

**Table C-110. Federal obligations for research and development for selected agencies, by State:  
fiscal years 1981-91**

[Dollars in millions]

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State	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Outlying areas .....	38.9	40.7	32.0	44.9	62.8	36.8	42.9	33.0	45.7	54.9	221.0
Offices abroad .....	47.2	59.0	51.0	34.6	35.9	59.2	78.2	54.2	43.4	31.7	21.0

**NOTES:** Because of rounding, detail may not add to totals.

For each year, the data shown include the obligations of the 10 major R&D-supporting agencies which were required to report to this section of the survey in that year, and represent 96 percent or more of the total Federal R&D obligations in that year.

Although the nongeographic historical tables incorporate corrections to previously reported data that have been submitted by the reporting agencies, corresponding corrections to the geographic distributions are rarely obtainable.

Geographic distribution of Department of Defense development funding to industry reflects only the location of prime contractors, not the numerous subcontractors who perform most of the research and development.

**SOURCE:** National Science Foundation/Division of Science Resources Statistics, Survey of Federal Funds for Research and Development: Fiscal Years 2000, 2001, and 2002